



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

647.1912

Job Sheet 197648



Part No: 647.1912

Job Qty: 10 pcs

Part Name: Bracket LH



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 7/11/19

Job Tracking No:

Due Date: 8/30/19

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: DWG REV N/C IPP REV:A NEW ISSUE 12-10-22 JLM VERIFIED:DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
110	Conventional Mill - 1	10 pcs		8/30/19	0.00	10.63	Conventional Mill - 1		11/20/3/24
							Conventional Mill - 2		
120	QC 2	10 pcs		8/30/19	0.00	0.00	QC 2 - 1		
							QC 2 - 12		
							QC 2 - 14		
							QC 2 - 17		
							QC 2 - 19		
							QC 2 - 2		
							QC 2 - 20		
							QC 2 - 22		
							QC 2 - 23		
							QC 2 - 25		
							QC 2 - 32		
							QC 2 - 33		
							QC 2 - 35		
							QC 2 - 39		
							QC 2 - 4		
							QC 2 - 40		
							QC 2 - 44		
							QC 2 - 45		
							QC 2 - 48		
							QC 2 - 49		
							QC 2 - 50		
							QC 2 - 51		
							QC 2 - 52		
							QC 2 - 57		
							QC 2 - 62		
							QC 2 - 63		11/20/3/24
							QC 2 - 8		
							QC 2 - 66		
							QC 2 - 64		

</



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON K6A 1K7
CANADA
TEL: 1 613
Email: sales@dart.ca
www.dart.ca

Container No: S266750



Part: 647.1912

Job No: 197648

Serial No/Batch: S266750

Revision:

Inspector:

Exp Date:

Instructions: Various STC's

Date: 03/26/23

Plex 7/11/19 1:56 PM Dart.lajeunesse.marie

130	QC 8	10 pcs	8/30/19	0.00	0.00	QC 2 - 65	
						QC 2 - 5	
						QC 2 - 71	
						QC 2 - 73	
						QC 2 - 69	
						QC 8 - 12	
						QC 8 - 14	
						QC 8 - 17	
						QC 8 - 20	
						QC 8 - 25	
						QC 8 - 3	
						QC 8 - 32	
						QC 8 - 33	
						QC 8 - 35	
						QC 8 - 39	
						QC 8 - 4	
						QC 8 - 44	
						QC 8 - 45	
						QC 8 - 49	
						QC 8 - 58	
						QC 8 - 8	
						QC 8 - 9	
						QC 8 - 68	
						QC 8 - 67	
						QC 8 - 1 (A)	
						QC 8 - 47	
						QC 8 - 40	
						QC 8 - 52	
						QC 8 - 23	
						QC 8 - 57	
140	Outsource - 4 - Anodize	10 pcs	8/30/19	0.00	0.00	ATG001	2020-03-27
150	Packaging 2-1 - Receive - B4B	10 pcs	8/30/19	0.00	0.00	Packaging 2 - 1 - B4B	
						Packaging 2 - 2 - B4B	
						Packaging 2 - 3 - B4B	
						Packaging 2 - 5 - B4B	APR 15 2020
						Packaging 2 - 4 - B4B	
						Packaging 2 - 6 - B4B	
						Packaging 2 - 7 - B4B	
						Packaging 2 - 8 - B4B	
						Packaging 2 - 9 - B4B	
						Packaging 2 - 10 - B4B	
						Packaging 2 - 11 - B4B	
						Packaging 2 - 12 - B4B	
						Packaging 2 - 13 - B4B	
						Packaging 2 - 14 - B4B	
						Packaging 2 - 15 - B4B	
						Packaging 2 - 16 - B4B	
						Packaging 2 - 17 - B4B	
						Packaging 2 - 18 - B4B	
						Packaging 2 - 19 - B4B	

					Packaging 2 - 20 - B4B	
					Packaging 2 - 21 - B4B	
					Packaging 2 - 22 - B4B	
					Packaging 2 - 23 - B4B	
					Packaging 2 - 24 - B4B	
					Packaging 2 - 25 - B4B	
					Packaging 2 - 26 - B4B	
					Packaging 2 - 27 - B4B	
					Packaging 2 - 28 - B4B	
					Packaging 2 - 29 - B4B	
					Packaging 2 - 30 - B4B	
					Packaging 2 - 31 - B4B	
					Packaging 2 - 32 - B4B	
					Packaging 2 - 33 - B4B	
					Packaging 2 - 34 - B4B	
					Packaging 2 - 35 - B4B	
					Packaging 2 - 36 - B4B	
155 QC 6	10 pcs	8/30/19	0.00 0.00		QC 6 - 9	
					QC 6 - 68	DAS
					QC 6 - 61	81
					QC 6 - 40	9-89
					QC 6 - 81	
160 Spray Paint - 2 - B4B	10 pcs	8/30/19	0.00 0.50		Spray Paint - 1 - B4B	
					Spray Paint - 2 - B4B	
					Spray Paint - 3 - B4B	
					Spray Paint - 4 - B4B	
170 QC 14	10 pcs	8/30/19	0.00 0.00		QC 14 - 15	
					QC 14 - 2	
					QC 14 - 34	
					QC 14 - 41	
					QC 14 - 51	
					QC 14 - 58	
					QC 14 - 59	
					QC 14 - 9	
					QC 14 - 68	
					QC 14 - 40	
					QC 14 - 19	
					QC 14 - 43	
					QC 14 - 24	
					QC 14 - 61	
					QC 14 - 81	
180 Packaging 3-1 - Stock - B4B	10 pcs	8/30/19	0.00 0.00		Packaging 3 - 1 - B4B	
					Packaging 3 - 2 - B4B	
					Packaging 3 - 3 - B4B	
					Packaging 3 - 4 - B4B	

					Packaging 3 - 5 - B4B	
					Packaging 3 - 6 - B4B	
					Packaging 3 - 7 - B4B	DAS
					Packaging 3 - 8 - B4B	28
					Packaging 3 - 9 - B4B	9-89
					Packaging 3 - 10 - B4B	
					Packaging 3 - 11 - B4B	
					Packaging 3 - 12 - B4B	
					Packaging 3 - 13 - B4B	
					Packaging 3 - 14 - B4B	
					Packaging 3 - 15 - B4B	
					Packaging 3 - 16 - B4B	
					Packaging 3 - 17 - B4B	
					Packaging 3 - 18 - B4B	
					Packaging 3 - 19 - B4B	
					Packaging 3 - 20 - B4B	
					Packaging 3 - 21 - B4B	
					Packaging 3 - 22 - B4B	
					Packaging 3 - 23 - B4B	
					Packaging 3 - 24 - B4B	
					Packaging 3 - 25 - B4B	
					Packaging 3 - 26 - B4B	
					Packaging 3 - 27 - B4B	
					Packaging 3 - 28 - B4B	
					Packaging 3 - 29 - B4B	
					Packaging 3 - 30 - B4B	
					Packaging 3 - 31 - B4B	
					Packaging 3 - 32 - B4B	
					Packaging 3 - 33 - B4B	
					Packaging 3 - 34 - B4B	
					Packaging 3 - 35 - B4B	
					Packaging 3 - 36 - B4B	
					QC 21 - SA - 21	DAS
					QC 21 - SA - 70	21
					QC 21 - SA - 53	9-89
						MAY 20 2020
190	QC 21 - SA	10 pcs	8/30/19	0.00 0.00	Part Op 110 - (Manufacture as per dwg) 1-Machine per DWG DWG REV: <u>110</u> USE DT 9884 JAWS 2- deburr and break all Descriptions: sharp edges	

120 - (QC2- Inspect parts off machine FAI/FAIB)
 130 - (QC8- Inspect parts - second check)
 140 - (Outsource process-Anodize per QSI017 4.1.10.1) Issue P/O: 46189 Black Anodize as per Dwg 646.3800
 150 - (Receive & Inspect for Damage & Mat'l Certs)
 155 - (QC6- All purchased or subcontracted products)
 160 - (Spray Paint / NDT Room) PRIME AS PER DWG, SEE NOTE #2 CARDINAL 4860-50 PRIMER
 BATCH: _____
 170 - (QC14- Inspect Spray Paint)
 180 - (Identify as per dwg & Stock Location: _____) ***IDENTIFY AS PER APICAL MPP-120 BY STAMPING P# AND REV***
 190 - (QC21- Final Inspection - Work Order Release)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
647.1911E	Bracket RH	1.3333 ft (.13333 ea)	110-Conventional Mill - 1	B91663

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
110-Conventional Mill - 1	647.1911E	1	126	0

Part Specifications

Specifications could not be found.

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DART AEROSPACE LTD		Work Order:	197678
Description: Bracket LH		Part Number:	647, 1912
Inspection Dwg: 647, 1912	Rev:	Page 1 of 1	

INSPECTION SHEET

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
1.48	± 0.010	1.480	✓			
2.59		2.600	✓			
2.73		2.720	✓			
2.65		2.645	✓			
2.80		2.800	✓			
2.43		2.430	✓			
1.85		1.850	✓			
0.20		0.200	✓			
0.32		0.320	✓			
0.67		0.670	✓			
0.33		0.330	✓			
0.20		0.200	✓			
1.92		1.920	✓			
2.30		2.300	✓			
1.05		1.055	✓			
0.09		0.090	✓			
2.56		2.550	✓			
0.27 x 45°		0.275 x 45°	✓			
R 0.28 REF		0.280	✓			
R 0.25 "		0.250	✓			
R 4.25 "		4.250	✓			
R 3.98 "		3.980	✓			
R 0.21 "		0.210	✓			
R 0.75 "		0.750	✓			
27.6°	± 1/2°	27.1°	✓			
104°	± 1/2°	104°	✓			

Measured by: <i>W</i>	Checked by: <i>S</i>	QC Inspector:
Date: 20/3/21	Date: 20/03/21	Date:

Engineering Approval: (If necessary)	Date:
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Rev	Date	Change	Revised by	Approved
A	14.07.31	New Issue	KJ	

Date:

WORK ORDER NON-CONFORMANCE / ROUTE UPDATE



NCR No.

Route update only

Job: _____ Part No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐		DEPARTMENT/PROCESS Skid-tube ☐ Cross tube ☐ Eng. (Non-AW) ☐ Engineering ☐ Machining ☐ Small Fab ☐ Prod. Eng. Coord. ☐ Water Jet ☐ Large Fab ☐ Finishing ☐ Rec/Store/Packaging ☐ Supplier ☐ Quality ☐				Date : _____ Sequence #: _____		MRB (QS1042)																																																																																																																												
Description Work Order Deviation				Disposition				Completed By		Lead hand / Supervisor		QC / QA Coordinator																																																																																																																										
<table border="1"> <thead> <tr> <th colspan="2">Root Cause</th> <th colspan="10">FAULT CATEGORY</th> </tr> </thead> <tbody> <tr> <td>Operator</td> <td>☐</td> <td>Pressure/Forced</td> <td>☐</td> <td>Contamination</td> <td>☐</td> <td>Power Loss/Surge</td> <td>☐</td> <td>Positioned Wrong</td> <td>☐</td> <td>Outside Tolerance</td> <td>☐</td> <td></td> <td></td> </tr> <tr> <td>Manufacturing Process</td> <td>☐</td> <td>Bending</td> <td>☐</td> <td>Misaligned/off center</td> <td>☐</td> <td>Folio/Program</td> <td>☐</td> <td>Drawing</td> <td>☐</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Equip/Tooling</td> <td>☐</td> <td>Crushing</td> <td>☐</td> <td>BOM/Route</td> <td>☐</td> <td>Grain Direction</td> <td>☐</td> <td>Finish</td> <td>☐</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Handling/Preservation</td> <td>☐</td> <td>Cracks</td> <td>☐</td> <td>Broken/Damage/Defect</td> <td>☐</td> <td>Weld</td> <td>☐</td> <td>Part Lost/Missing</td> <td>☐</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Material</td> <td>☐</td> <td>Crimp/Kink/Ripple/Wave/Twist</td> <td>☐</td> <td>Incomplete/Unclear Instructions</td> <td>☐</td> <td>Wrong Stock Pulled</td> <td>☐</td> <td>Misread</td> <td>☐</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Product Improvement</td> <td>☐</td> <td>Marks/Chatter</td> <td>☐</td> <td>Drill Holes</td> <td>☐</td> <td>Out of Sequence</td> <td>☐</td> <td></td> <td>☐</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Process Improvement</td> <td>☐</td> <td>Mislabeled</td> <td>☐</td> <td>Fit/Function</td> <td>☐</td> <td>Off-set/Set-up</td> <td>☐</td> <td></td> <td>☐</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Human Factors</td> <td>☐</td> <td colspan="11">Other/Details:</td> </tr> </tbody> </table>												Root Cause		FAULT CATEGORY										Operator	☐	Pressure/Forced	☐	Contamination	☐	Power Loss/Surge	☐	Positioned Wrong	☐	Outside Tolerance	☐			Manufacturing Process	☐	Bending	☐	Misaligned/off center	☐	Folio/Program	☐	Drawing	☐					Equip/Tooling	☐	Crushing	☐	BOM/Route	☐	Grain Direction	☐	Finish	☐					Handling/Preservation	☐	Cracks	☐	Broken/Damage/Defect	☐	Weld	☐	Part Lost/Missing	☐					Material	☐	Crimp/Kink/Ripple/Wave/Twist	☐	Incomplete/Unclear Instructions	☐	Wrong Stock Pulled	☐	Misread	☐					Product Improvement	☐	Marks/Chatter	☐	Drill Holes	☐	Out of Sequence	☐		☐					Process Improvement	☐	Mislabeled	☐	Fit/Function	☐	Off-set/Set-up	☐		☐					Human Factors	☐	Other/Details:										
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Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB046189



Supplier: ATG001-VC
A.T.G. Industries Inc
760 INDUSTRIELLE STREET
ROCKLAND
ON
K4K 1T2 Canada
Phone: 613-446-4544
Fax: 613-446-4556

Attention: Lalande, Marc-Andre

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB046189
PO Date: 3/27/20
Due Date: 4/13/20
Purchase Order Revision:
Revision Date:
Issued By: Guerin, Kimberley
Phone: 613-632-5200 Ext: 298
kguerin@dartaero.com

Via: Ground
Pymt Terms: Net 60

Freight Terms:
Special Comments:

Items

Line Item	Job	Part	Drawing	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	197648	647.1912	647.1900 Rev N/C	Bracket LH : Various STC's (Outsource process-Anodize per QSI017 4.1.10.1) Issue P/O: Black Anodize as per Dwg 646.3800	Firmed X10	-	4/13/20	10 pcs	0 pcs	10 pcs	\$10.48/pcs	\$104.80
											APR 15 2020	
2	207950	RBEL135M-2905-101-09	RBEL135M-2905-101 Rev 9	Drive Pulley Outsource4 (Outsource process-Anodize per QSI017 4.1.10.1) -Issue PO -ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1, Water sealant -Certificate of Conformity is required	Firmed X4	-	4/13/20	4 pcs	0 pcs	4 pcs	\$6.98/pcs	\$27.92
											APR 15 2020	
3	208136	C10-21-2	C10-21-2 Rev 2	Spring Cover -Issue P/O -ANODIZE COLOR BLACK, PER IAW MIL-A-8625F TYPE 2 CLASS 2, Water sealant -Certificate of Conformity is required	Firmed X2	-	4/13/20	20 pcs	0 pcs	20 pcs	\$6.98/pcs	\$139.60
											APR 15 2020	

Plex 3/31/20 12:58 PM Dart.Guerin.Kimberley



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB046189



Items

Line Item	Job	Part	Drawing	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
4	205064	647.7811	647.7800 Rev A	Bracket B : Various STC's Issue P/O to ATG : Hard Black Anodize and Prime as per Dwg 647.7800 Rev. A	Firmed	-	4/13/20	8 pcs	0 pcs	8 pcs	\$16.28/pcs	\$130.24
5	205063	647.7810	647.7800 Rev A	Bracket A : Various STC's Issue P/O to ATG : Hard Black Anodize and Prime as per Dwg 647.7800 Rev. A	Firmed	-	4/13/20	8 pcs	0 pcs	8 pcs	\$16.28/pcs	\$130.24
6	205053	647.1611	647.1600 Rev A	Wiper Deflector, Aft : Various STC's (Outsource process-Anodize per QSI017 4.1.10.1) Issue P/O to ATG :	Firmed <i>XP</i>	-	4/13/20	20 pcs	0 pcs	20 pcs	\$12.48/pcs	\$249.60
Grand Total:											\$782.40	

Order Notes

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Flex 3/31/20 12:58 PM Dart.Guerin.Kimberley



A.T.G. Industries Inc.
760 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 919986

Date: 14-Apr-20

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Kimberley Guerin
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		ATG Delivery	
Quantity	Description		
Please reference this document's Pack List number on all correspondences regarding this shipment. If you have any questions, please contact us.			
10 ea	Part: 647.1912 Bracket LH Hard Black Anodize per MIL-A-8625F, Type III, Class2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Batch/Lot#: 128522 Job: 27240 PO: POHB046189	Rev: N/C	no rush
4 ea	Part: RBEL135M-2905-101-09 Drive Pulley Anodize per MIL-A-8625F, Type II, Class1, Clear, .0004-.0010" (.4 - 1 mils), Water Sealant Job: 27241 PO: POHB046189	Rev: 9	no rush
20 ea	Part: C10-21-2 Spring Cover Hard Black Anodize per MIL-A-8625F, Type 2, Class 2, Water Sealant Job: 27242 PO: POHB046189	Rev: 2	no rush
20 ea	Part: 647.1611 Wiper Deflector, Aft Hard Black Anodize per MIL-A-8625F, Type III, Class2, .0005-.0045" (.5 - 4.5mils). Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils). Batch/Lot#: 128522	Rev: A	no rush
		Expiry Date: 05/21	
Made in Canada.			

RECEIVED

APR 14 2020

DART AEROSPACE LTD.



A.T.G. Industries Inc.
760 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 919986

Date: 14-Apr-20

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Kimberley Guerin
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms	Ship Via
	ATG Delivery

Quantity	Description
	Job: 27245 Line: 6 PO: POHB046189

CERTIFICATE OF CONFORMANCE

A.T.G Industries Inc. certifies that all items in this shipment conform to the requirements.

Date: APR 14 2020

Certified Signature: 

Receiver Signature: _____

A.T.G Industries Inc. is AS9100 Registered and Nadcap Chemical Processing Accredited.

Note: This Packing Slip may contain parts that have been PLATED. Items that are plated may be subject to natural tarnishing and it is suggested that they be inspected within 24 hours of receipt.

Made in Canada.